

Coastal Storm Monday Night into Wednesday



New York, NY
WEATHER FORECAST OFFICE

OVERVIEW

- A coastal storm will bring a prolonged period of rain, heavy at times, as well as the potential for localized flash flooding, strong winds, coastal flooding, and beach erosion.
- Uncertainty remains with regards to track and intensity of the storm along with location of heaviest rain, magnitude of wind gusts, and extent of coastal flooding.

HAZARDS & IMPACTS

- **Storm Total Rainfall:** 2 to 4 inches, with locally higher amounts possible.
- **Rainfall Rates:** ½-1"/hour at times.
- **Rain Impacts:** Localized flash flooding of urban and poor drainage areas. Fast-responding rivers and small streams may experience flooding.
- **Wind Impacts:** Strong wind gusts 40-50 mph, especially along coast, could bring down some trees and power lines.
- **Coastal Flooding Impacts:** Mainly minor coastal flooding, localized moderate. Beach erosion is also possible.

Flash Flood Watch

In Effect 8pm Monday Through 5 pm Tuesday

Weather Forecast Office
New York, NY
Issued Oct 25, 2021 5:00 AM EDT



TIMING

- **Flash Flood Threat:** Mon night into Tue evening.
- **Strong Wind Threat:** Late Tue afternoon and Tue Night.
- **Coastal Flooding Threat:** High tide cycles Tues afternoon into Wed.

NWS ALERTS

- **Flash Flood Watch:** 8pm Monday through 5pm Tuesday
- **Gale Watch:** 8am Tuesday through 2pm Wednesday for most waters, except 8am Tuesday through 8am Wednesday for NY Harbor and W. LI Sound

FORECAST CHALLENGES

- The track and intensity of the coastal low pressure will ultimately determine the axis of heaviest rainfall along with any wind impacts.
- A track closer to the coast may bring higher rain totals and stronger winds further inland while a track further offshore would bring lower rain totals and keep strongest winds along the immediate coast.

NEXT BRIEF

- The next update will be by 5 pm Monday

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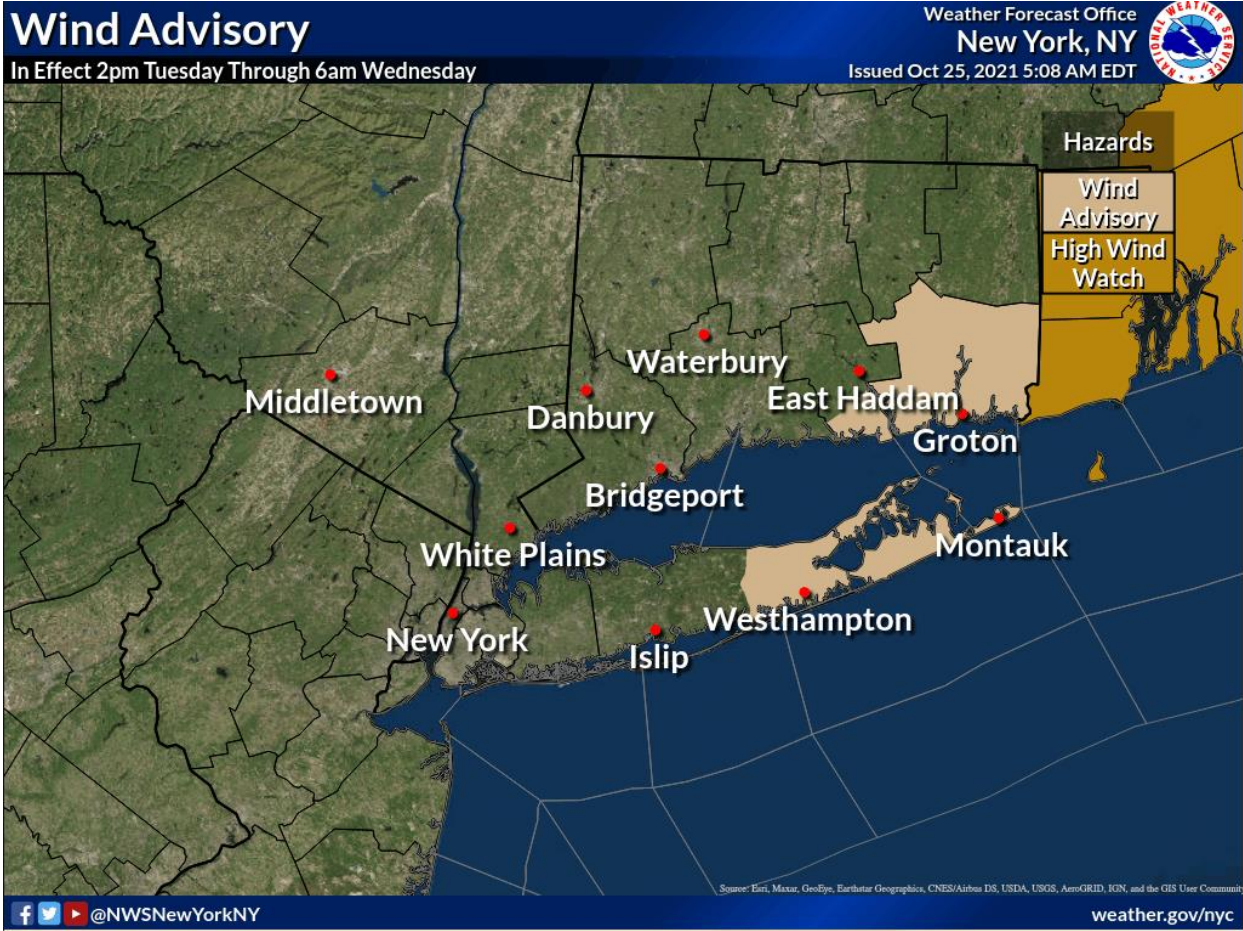
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Wind Gusts up to 50 mph in Advisory Area

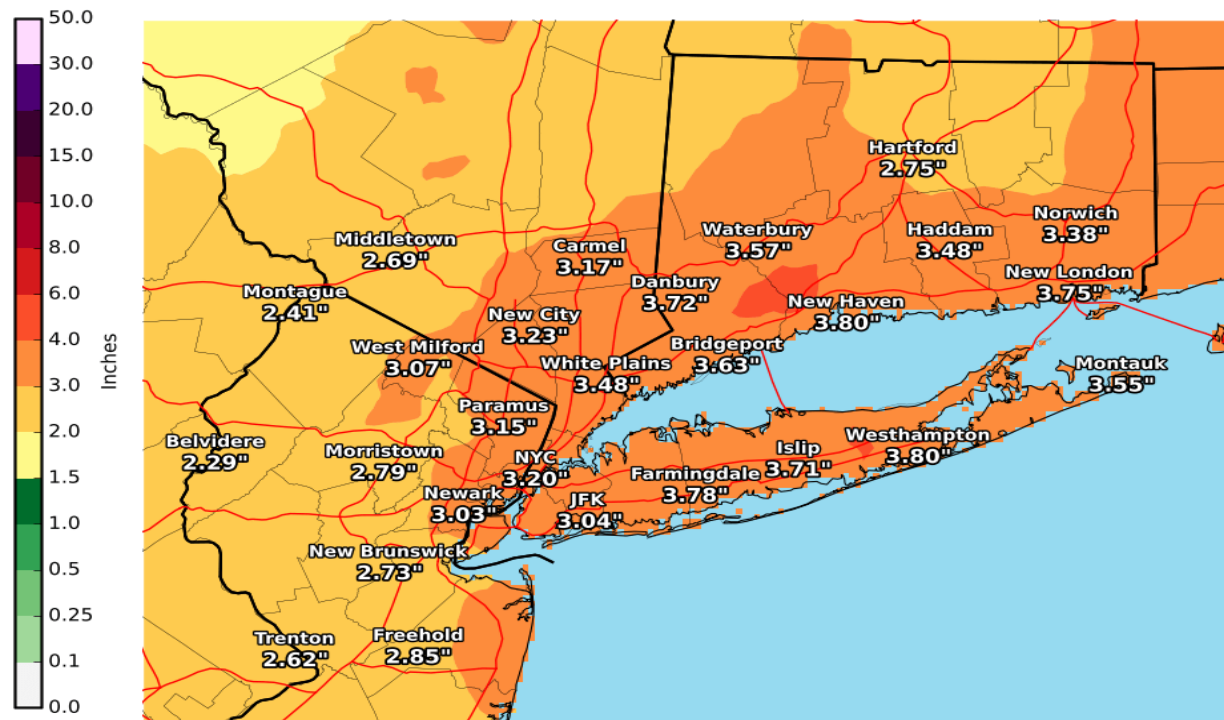


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Expected Rainfall/Liquid Equivalent - Official NWS Forecast

Valid: 10/25/2021 03:00 AM - 10/28/2021 03:00 PM EDT



National Weather Service
New York NY
10/25/2021 03:55 AM EDT

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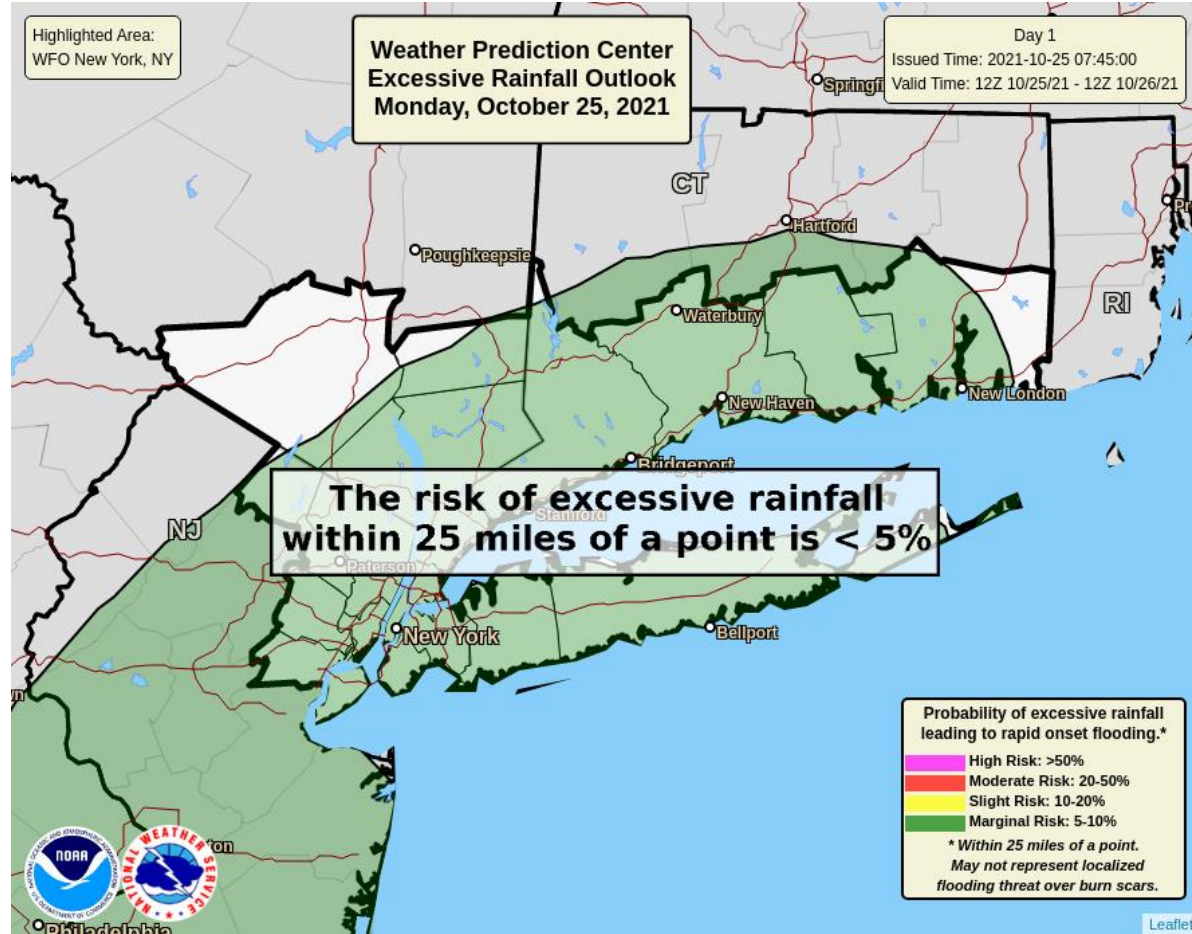


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Excessive Rainfall Outlook Monday into Monday Night



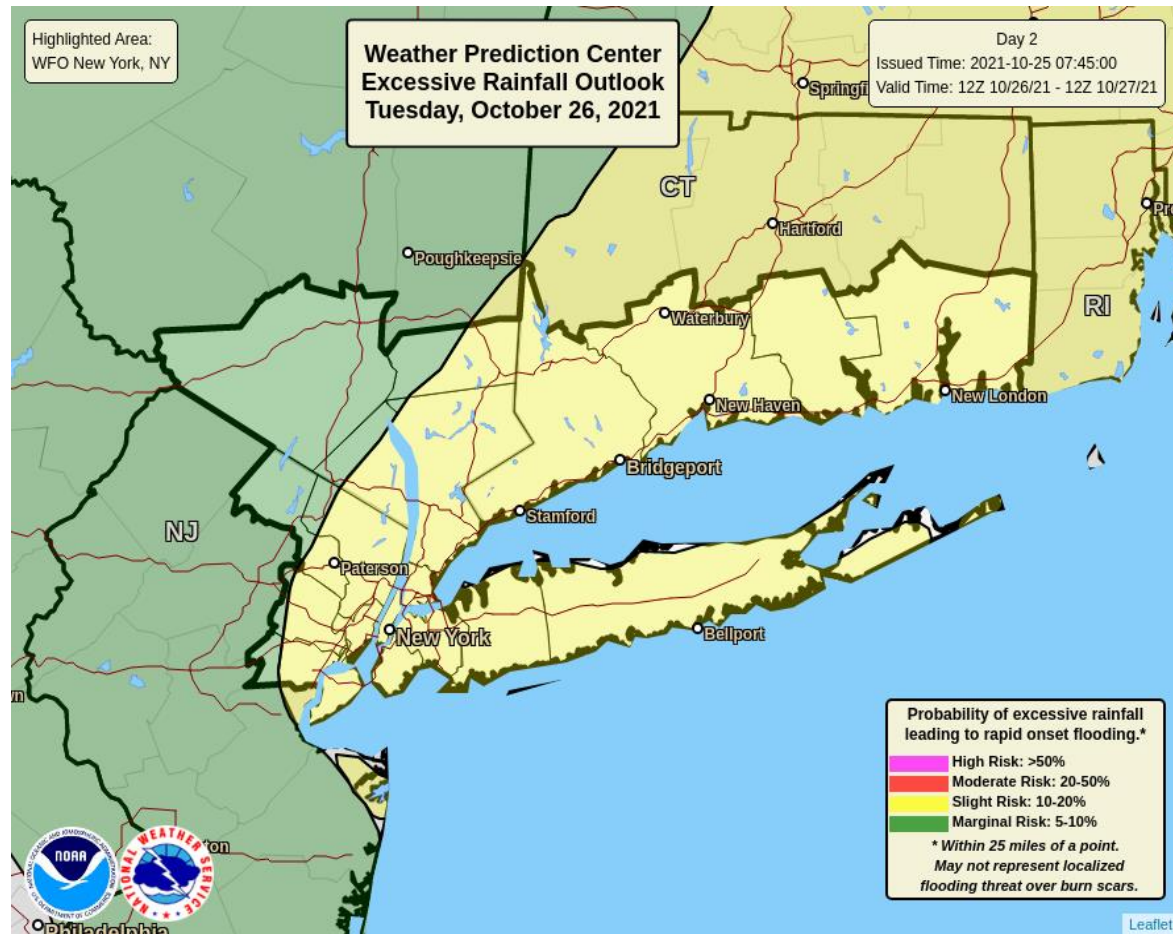
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Excessive Rainfall Outlook Tuesday into Tuesday Night



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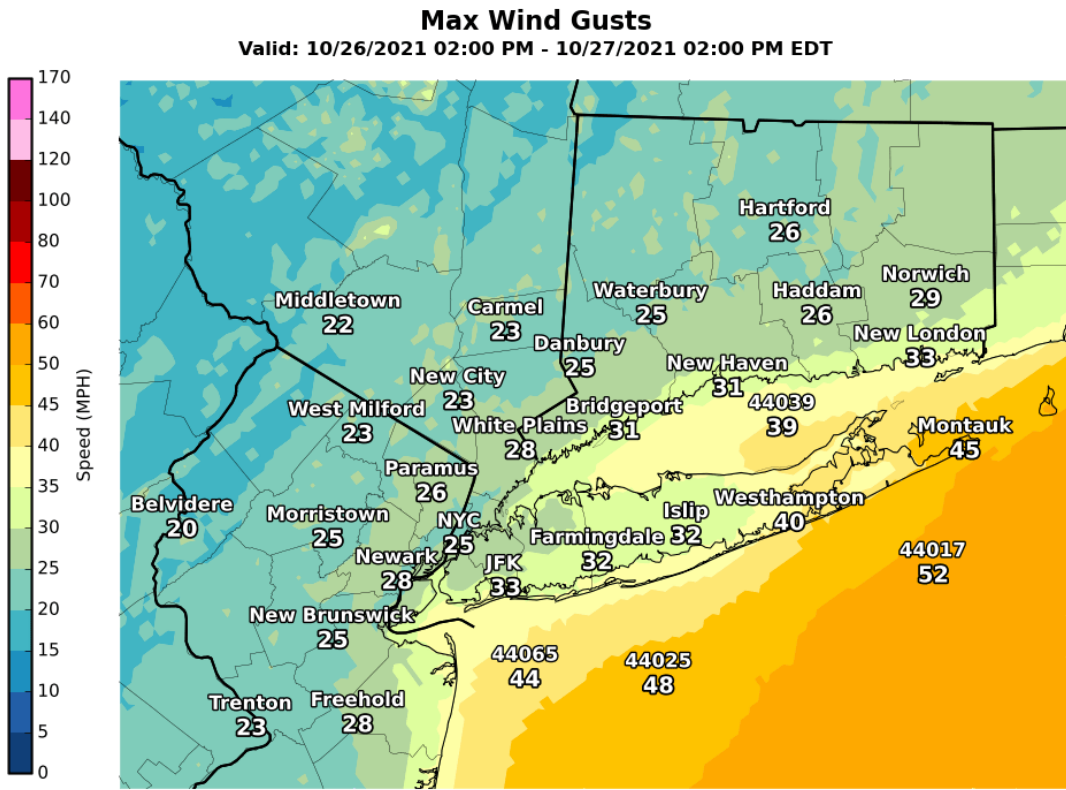
Understanding WPC Excessive Rainfall Risk Categories

No Area/Label		MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Flash floods are generally not expected.		Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
www.wpc.ncep.noaa.gov @NWSWPC		Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.	Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.	Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.
Flash flooding near me?	Flash Flooding NO Flash Flooding				
 WEATHER PREDICTION CENTER					

Maximum Wind Gust 8am Tues Through 8am Wed



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National Weather Service
New York NY
10/24/2021 04:52 PM EDT

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